

26. (Original) The method of searching a content addressable memory of claim 25, wherein searching the at least first memory segment for certain data further comprises dividing the at least first memory into multiple rows of memory cells and searching all rows of memory cells of the at least first memory segment.

27. (Original) The method of searching a content addressable memory of claim 26, further comprising searching each row entirely of all the rows of memory cells of the at least first memory segment.

28. (Original) The method of searching a content addressable memory of claim 26, comprising searching the at least first and second memory segments simultaneously.

29. (Original) A computer program product comprising a computer usable medium having readable program code and body in the medium, the computer program product including at least one program code to:

search a first memory segment of a content addressable memory for search data; and

search a second memory segment of the content addressable memory for certain data only if the certain data was not found in the first memory segment.

30. (Original) The computer program product of claim 29, further comprising at least one program code to search all rows and all columns of the first memory segment, and search all rows and all columns of the second memory segment if the second memory segment is searched.